

PERMIT APPLICATION: NRS 03.264

APPLICANT: Nestlé Waters North America, Inc.
259 Old Barton Road, P. O. Box 328
Red Boiling Springs, Tennessee 37150
615-699-2000

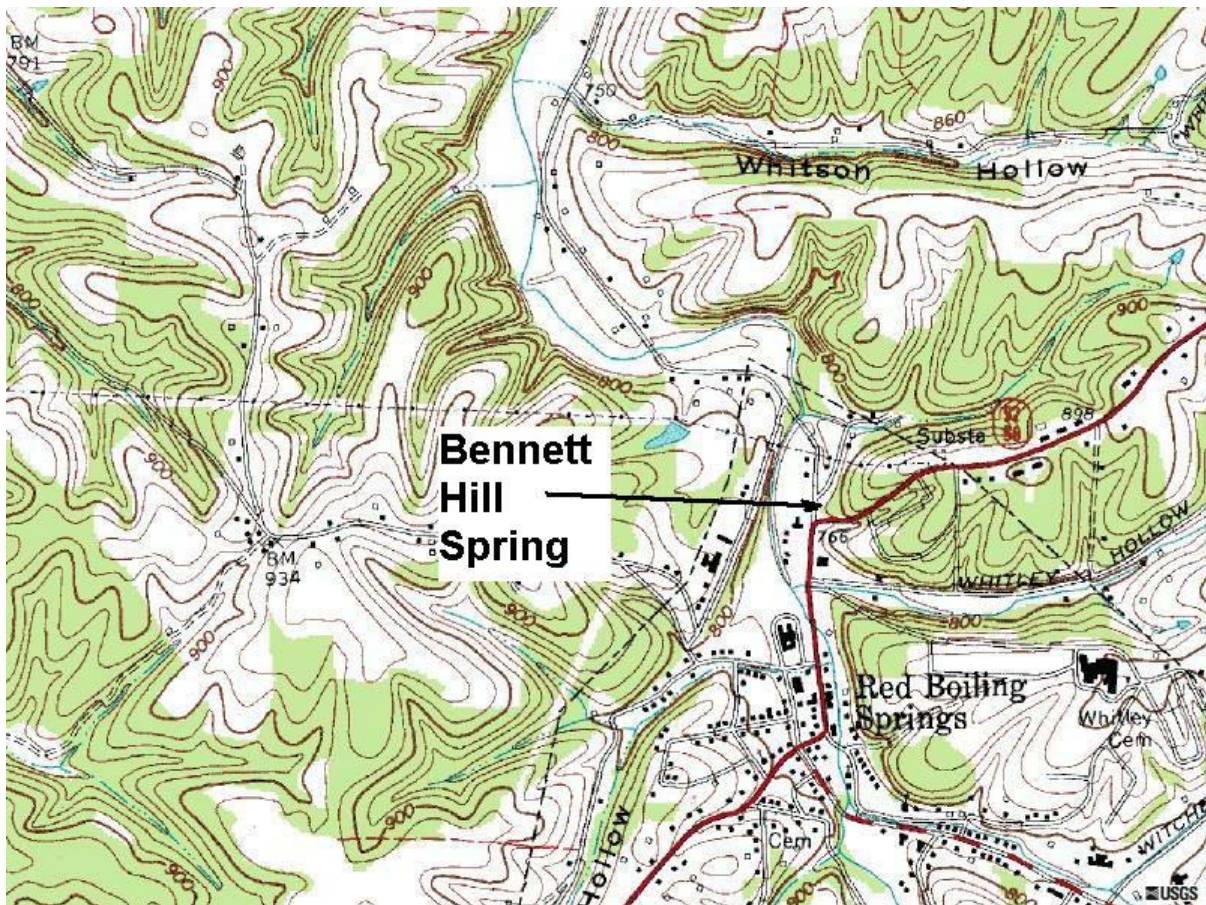
LOCATION: Bennett Hill Spring, tributary to Salt Lick Creek, Red Boiling Springs, Macon County; 36° 32' 18"N, 85° 51' 00"W

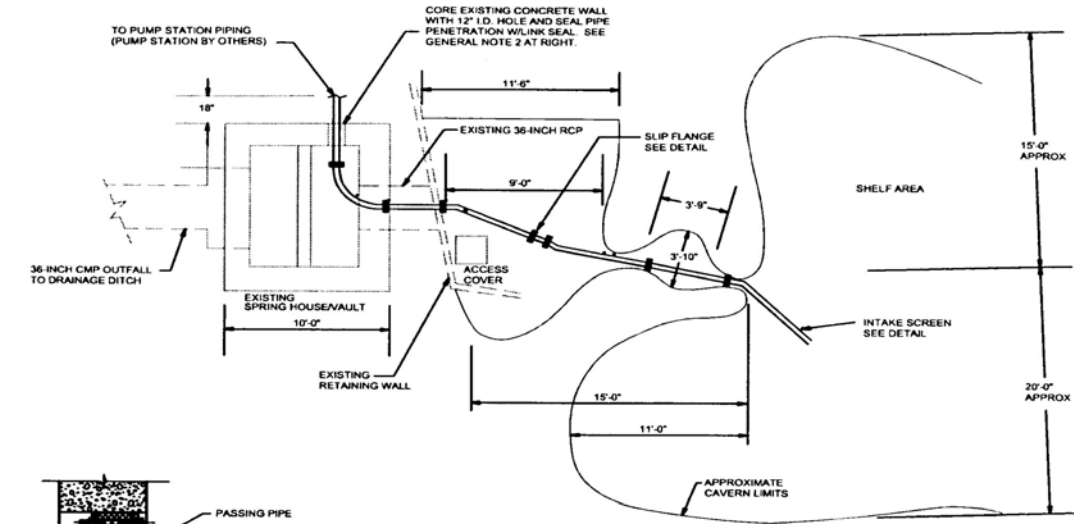
WATERSHED DESCRIPTION: Salt Lick Creek from its confluence with Long Hungry Creek to its headwaters is listed as fully supporting. The watershed where the spring run confluent with Salt Lick Creek is about 12.6 square miles. The stream is a larger order stream with about 20 species of fish, characterized by the smaller fishes such as darters and stonerollers. The stream's substrate is typified by bed rock and gravel bars with good canopy. The biological survey performed by the applicant shows high levels of diversity of fish and macroinvertebrates and indicates that the watershed has not been adversely impacted by point source or non-point source pollution.

PROJECT DESCRIPTION: The proposed work involves the increase in withdrawal of spring water from about 175 gallons per minute (0.25 million gallons per day, 0.39 cubic feet per second) to a maximum of 600 gallons per minute (0.87 million gallons per day, 1.34 cubic feet per second). The spring mouth has previously been improved with a spring house, catchment, and pumps that fully enclose the outflow point except for a bypass pipe that discharges to the spring run that flows into Salt Lick Creek. Nestlé proposes to insert a catchment pipe into the spring cave to the point where the water first appears near the surface. Water would then be piped to the newly constructed water bottling plant nearby.

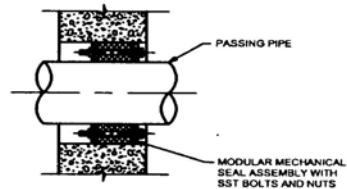
PERMIT COORDINATOR: Robby Baker

USGS TOPOGRAPHIC QUADRANGLE: Red Boiling Springs

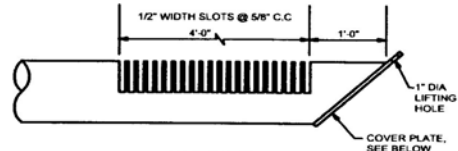




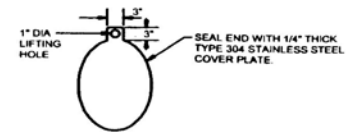
SITE PIPING LAYOUT
NTS



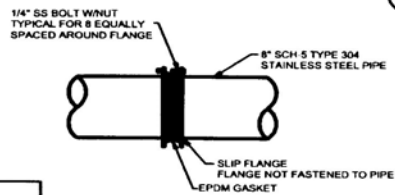
WALL PENETRATION SEAL
NTS



SIDE VIEW
NTS



COVER PLATE
NTS



SLIP FLANGE DETAIL
NTS

INTAKE SCREEN DETAIL
NTS